

**REMARKS/ARGUMENTS**

In response to the Office Action dated August 19, 2003, please consider the following remarks.

In the Office Action issued August 19, 2003, claims 1-15 remained rejected under 35 U.S.C. §102(e) as being anticipated by Dalal et al., U.S. Patent No. 6,064,999 (Dalal).

Claims 1-15 are now pending in this application. Claims 1, and 9 have been amended to clarify the subject matter that the applicant considers to be the invention.

Each of the claims now pending in this application is believed to define an invention that is novel and unobvious over the prior art. Favorable reconsideration of this case is respectfully requested.

The present invention is not anticipated by, nor obvious in view of, the references relied upon in the Office Action issued August 19, 2003, as this prior art references do not disclose or suggest the claimed features of the present invention.

The Applicant respectfully submits that the present invention according to claims 1-15 is not anticipated by Dalal. Amended claim 1 recites a query generator for generating a query for obtaining selected data from a database, the database having a number of detail tables in which data is stored, the query generator comprising a processor which is coupled to the database in use, the

processor being adapted to: a. receive an input indicating the selected data to be obtained to generate a first query; b. analyze the input and determine whether the input requires a joining of data in a plurality of different detail tables, and an aggregation step; c. causing the processor to modify **the content of the first query** indicating the selected data to be obtained to generate a second query, the second query being adapted to cause the database to: i. aggregate the data within each of the plurality of detail tables as required; and, ii. join the aggregated data from each of the plurality of detail tables, the joined aggregated data representing the selected data.

Dalal does not disclose causing the processor to modify the content of the first query indicating the selected data to be obtained to generate a second query and the second query being adapted to cause the database to aggregate the data within each of the plurality of detail tables as required and joining the aggregated data from each of the plurality of detail tables. In contrast, Dalal merely processes a query as it is originally presented.

Similarly, claim 9 recites a database system, the database system comprising: a. a database, the database comprising: i. a store for storing data, the store having a number of detail tables; and, ii. a database processor coupled to the store for obtaining data in accordance with a received query; and, b. a query generator for generating a structured query for obtaining selected data from the database, the query generator comprising a processor adapted to: i. receive an

input representing a first structure query to be generated; ii. analyze the input and determine whether the input requires a joining of data in a plurality of different detail tables, and an aggregation step; and, iii. causing the processor to modify the **content of the first query** indicating the selected data to be obtained to generate a second structured query, wherein the database processor responds to the second structured query to: (1) aggregate the data within each of the plurality of detail tables as required; and, (2) join the aggregated data from each of the plurality of detail tables, the joined aggregated data representing the selected data.

As in claim 1, Dalal does not disclose causing the processor to modify the content of the first query indicating the selected data to be obtained to generate a second query being adapted to cause the database to aggregate the data within each of the plurality of detail tables as required and joining the aggregated data from each of the plurality of detail tables. In contrast, Dalal merely processes a query as it is originally presented.

Thus, the present invention, according to claims 1 and 9, is not anticipated by Dalal. Likewise, the present invention, according to claims 2-8 and 10-15, which depend from claims 1 or 9, is not anticipated by Dalal.

In view of the above, it is respectfully submitted that the present invention is allowable over the references relied upon in the Office Action. Accordingly, entry of the amendment and favorable reconsideration of this case and early issuance of the Notice of Allowance are respectfully requested.

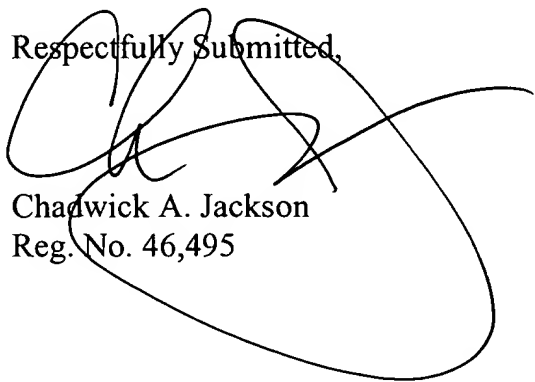
**Additional Fees:**

The Commissioner is hereby authorized to charge any insufficient fees or credit any overpayment associated with this application to Deposit Account No. 19-5127 (19111.0045).

**Conclusion**

In view of the foregoing, all of the Examiner's rejections to the claims are believed to be overcome. The Applicants respectfully request entry of the amendment and reconsideration and issuance of a Notice of Allowance for all the claims remaining in the application. Should the Examiner feel further communication would facilitate prosecution, he is urged to call the undersigned at the phone number provided below.

Respectfully Submitted,

  
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